

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A computer-based graphical user interface coupled to a file server over a data network, the file server includes a database the user interface comprising:

5        a first component for assigning at least one of a plurality of educational programs stored in the database to an individual; and

      a second component for displaying status of educational programs that have been assigned to individuals,

      wherein the database includes at least one identification code for at least one individual.

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2. The interface of Claim 1, further comprising a third component for adding a new individual.

3. The interface of Claim 1, further comprising a third component for adding a new educational program.

15        4. The interface of Claim 1, wherein the second component displays completion status and results of the educational program.

5. The interface of Claim 1, wherein the interface is coupled to the file server over at least one of a public or private data network.

20        6. The interface of Claim 1, wherein the plurality of educational programs include at least one of a diabetes educational program and a heart disease educational program.

7. A multimedia computer system comprising:

      a display;

      a card reader for reading an individual's identification card and retrieving an identification code from the read card; and

25        a processor coupled to the display and the card reader, the processor comprising:



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a communication component for coupling with a file server over a data network, wherein the server includes a database for storing education programs;  
a first component for sending the identification code to the file server;  
a second component for receiving a previously assigned education program from the file server, based on the sent identification code; and  
a third component for presenting the received education program on the display.

8. The system of Claim 7, wherein the communication component couples with the file  
10 server based on insertion of the identification card into the card reader.

9. The system of Claim 7, wherein the processor further comprises a fourth component for recording date and time of completion of the education program and sending the recorded date and time of completion to the file server.

10. The system of Claim 7, wherein the educational program include at least one of a  
15 diabetes educational program and a heart disease educational program.

11. An apparatus for interactively monitoring a physiological condition and for interactively providing health-related information comprising:

a display device comprising at least one of either a display screen or an audio speaker;

20 a multimedia processor coupled to provide at least one of either an audio signal and a visual signal to the display device wherein the multimedia processor comprises a digital data storage medium;

an interface device coupled to control the multimedia processor;

a physiological data monitor coupled to provide a signal representative of a physiological parameter of a user to the interface device;

25 a patient isolating circuit coupled between the physiological data monitor and the interface device; and

a program controller coupled provide a control signal to the multimedia processor based upon the user's input, so as to provide health-related information to the



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user in an interactive manner based upon the signal representative of the physiological condition and the control signal.

12. The apparatus according to claim 11, wherein the physiological condition comprises a blood glucose level and the physiological data monitor comprises a blood glucose meter.

5        13. The apparatus according to claim 12, wherein the interface device comprises:

          a blood glucose data receiver for receiving the signal representative of a blood glucose level;

          an A/D converter for converting the signal representative of a blood glucose level into a form acceptable to the multimedia processor coupled to the blood glucose data receiver; and

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          a multimedia controller for controlling the multimedia processor coupled to the A/D converter.

14. The apparatus according to claim 13, wherein the isolating circuit is integral to the multimedia processor.

15        15. The apparatus according to claim 11, wherein the isolating circuit is integral to the multimedia processor.

16. The apparatus according to claim 11, wherein the interface device comprises;

          a physiological data receiver for receiving the signal representative of a blood glucose level;

20        an A/D converter for converting the signal representative of a physiological parameter into a form acceptable to the multimedia processor coupled to the physiological data receiver; and

          a multimedia controller for controlling the multimedia processor coupled to the A/D converter.



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17. The apparatus according to claim 15, wherein the isolating circuit is integral to the multimedia processor.

18. An apparatus for interactively monitoring a blood glucose level and for interactively providing health-related information comprising:

5           a blood glucose monitor that is adapted to measure a blood glucose level of a user and for generating a first electronic signal in response to a measurement of the blood glucose level;

a processor for receiving a second electronic signal that is a function of the first electronic signal;

10          an interface isolating device coupled between the blood glucose monitor and the processor for receiving the first electronic signal from the blood glucose monitor and providing the second electronic signal to the processor, wherein the interface isolating device electrically isolates the user from the processor;

a memory coupled to the processor for storing blood glucose level data; and

15          a display system coupled to the processor for displaying a representation of the blood glucose level data, so as to provide health-related information to the user in an interactive manner.

19. The apparatus according to claim 18, wherein the interface isolating device utilizes optical isolation.

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